

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

21C-0191

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NYA

10/531829

INTERNATIONAL APPLICATION NO.  
PCT/KR2003/001768INTERNATIONAL FILING DATE  
8-30-2003PRIORITY DATE CLAIMED  
10-17-2002

## TITLE OF INVENTION

LIQUID CRYSTAL DISPLAY DEVICE BUILT-IN FINGER PRINTING DEVICE AND METHOD OF MANUFACTURING THE SAME

## APPLICANT(S) FOR DO/EO/US

Jean-Ho SONG, Joon-Hoo CHOI, Sung-Hoo YANG and Chong-Chul CHAI

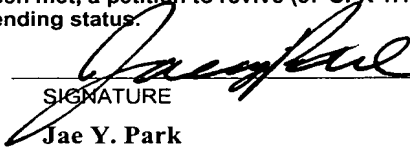
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV626826072US
23. ☒ Other items or information:

Form PCT/IB/304  
Form PCT/IB/306  
Form PCT/IB/308  
Claim for Priority

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/531829</b>		INTERNATIONAL APPLICATION NO. <b>PCT/KR00/01423</b>		ATTORNEY'S DOCKET NUMBER <b>21C-0191</b>	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee . . . . . \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee . . . . . \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee . . . . . \$500.00				\$ 500.00	
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				<b>\$ 1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0 /50 =	0	x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	28 - 20 =	8	x \$50.00	\$ 400.00	
Independent claims	4 - 3 =	1	x \$200.00	\$ 200.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,600.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
<b>SUBTOTAL =</b>				<b>\$ 1,600.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 1,600.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 1,600.00</b>	
<b>Amount to be refunded:</b>				\$	
<b>Amount to be charged:</b>				\$	
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>06-1130</b> in the amount of <b>\$1,600.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>06-1130</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>					
<p>SEND ALL CORRESPONDENCE TO:</p> <p><b>Jae Y. Park</b>  <b>Cantor Colburn LLP</b>  <b>55 Griffin Road South</b>  <b>Bloomfield, CT 06002</b>  <b>PTO Customer No. 23413</b>  <b>Date: April 18, 2005</b></p>					
				 SIGNATURE <b>Jae Y. Park</b> NAME <b>PLEASE SEE ATTACHED</b> REGISTRATION NUMBER	

10/531829

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 C.F.R. § 1.10)** **20051218 PCT/PTC 18 APR 2005**  
 Applicant(s): Jean-Ho SONG, et al. **21C-0191**

Application No. NYA	Filing Date 4-18-2005	Examiner NYA	Customer No. 23413	Group Art Unit NYA
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Invention: **LIQUID CRYSTAL DISPLAY DEVICE BUILT-IN FINGER PRINTING DEVICE AND METHOD OF MANUFACTURING THE SAME**

I hereby certify that the following correspondence:

Trans. Ltr. to the U.S. Design./Elected Office (DO/EO/US) Concerning A Sub. Under 35 U.S.C. 371; PCT Appln.; 38  
 shs. of drwgs.; Dec/POA, Record. Form Cover Sheet w/Assmnt., Form PCT/IB/304; Form PCT/IB/306; Form  
 PCT/IB/308; Claim For Priority; Limited Recog. Under 37 CFR Sec. 11.9(b); IDS; Form PTO-1449 w/4 cited refs.;  
 Auth. to debit and/or credit Dep. Acct. No. 06-1130 - Filing Fee- \$1600.00, Recordation Fee-\$40.00 and Post Card  
*(Identify type of correspondence)*

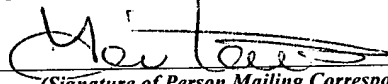
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37  
 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 18, 2005

*(Date)*

Tammie Lanthier

*(Typed or Printed Name of Person Mailing Correspondence)*



*(Signature of Person Mailing Correspondence)*

EV626826072US

*("Express Mail" Mailing Label Number)*

**Note: Each paper must have its own certificate of mailing.**